

Makita®

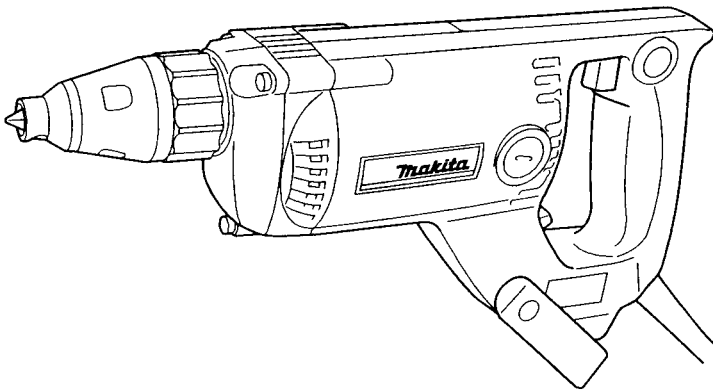
アメリカ

Drywall Screwdriver

MODEL 6812

Variable Speed / Reversing

INSTRUCTION MANUAL



SPECIFICATIONS

Capacities		No load speed (RPM)	Overall length	Net weight
Self drilling screw	Drywall screw			
5 mm (3/16")	5 mm (3/16")	1,500 – 4,500/min.	294 mm (11-5/8")	1.3 kg (2.9 lbs)

* Manufacturer reserves the right to change specifications without notice.

* Note: Specifications may differ from country to country.

WARNING: For your personal safety, READ and UNDERSTAND before using.

SAVE THESE INSTRUCTIONS FOR FUTURE REFERENCE.

GENERAL SAFETY RULES

USA002-1

(For All Tools)


WARNING! Read and understand all instructions. Failure to follow all instructions listed below, may result in electric shock, fire and/or serious personal injury.

SAVE THESE INSTRUCTIONS

Work Area

1. **Keep your work area clean and well lit.** Cluttered benches and dark areas invite accidents.
2. **Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust.** Power tools create sparks which may ignite the dust or fumes.
3. **Keep bystanders, children, and visitors away while operating a power tool.** Distractions can cause you to lose control.

Electrical Safety

4. **Double Insulated tools are equipped with a polarized plug (one blade is wider than the other.) This plug will fit in a polarized outlet only one way. If the plug does not fit fully in the outlet, reverse the plug. If it still does not fit, contact a qualified electrician to install a polarized outlet. Do not change the plug in any way. Double insulation  eliminates the need for the three wire grounded power cord and grounded power supply system.**
5. **Avoid body contact with grounded surfaces such as pipes, radiators, ranges and refrigerators.** There is an increased risk of electric shock if your body is grounded.
6. **Do not expose power tools to rain or wet conditions.** Water entering a power tool will increase the risk of electric shock.
7. **Do not abuse the cord. Never use the cord to carry the tools or pull the plug from an outlet. Keep cord away from heat, oil, sharp edges or moving parts. Replace damaged cords immediately.** Damaged cords increase the risk of electric shock.
8. **When operating a power tool outside, use an outdoor extension cord marked "W-A" or "W."** These cords are rated for outdoor use and reduce the risk of electric shock.

Personal Safety

9. **Stay alert, watch what you are doing and use common sense when operating a power tool. Do not use tool while tired or under the influence of drugs, alcohol, or medication.** A moment of inattention while operating power tools may result in serious personal injury.
10. **Dress properly. Do not wear loose clothing or jewelry. Contain long hair. Keep your hair, clothing, and gloves away from moving parts.** Loose clothes, jewelry or long hair can be caught in moving parts.

11. **Avoid accidental starting. Be sure switch is off before plugging in.** Carrying tools with your finger on the switch or plugging in tools that have the switch on invites accidents.
12. **Remove adjusting keys or wrenches before turning the tool on.** A wrench or a key that is left attached to a rotating part of the tool may result in personal injury.
13. **Do not overreach. Keep proper footing and balance at all times.** Proper footing and balance enables better control of the tool in unexpected situations.
14. **Use safety equipment. Always wear eye protection.** Dust mask, non-skid safety shoes, hard hat, or hearing protection must be used for appropriate conditions.

Tool Use and Care

15. **Use clamps or other practical way to secure and support the workpiece to a stable platform.** Holding the work by hand or against your body is unstable and may lead to loss of control.
16. **Do not force tool. Use the correct tool for your application.** The correct tool will do the job better and safer at the rate for which it is designed.
17. **Do not use tool if switch does not turn it on or off.** Any tool that cannot be controlled with the switch is dangerous and must be repaired.
18. **Disconnect the plug from the power source before making any adjustments, changing accessories, or storing the tool.** Such preventive safety measures reduce the risk of starting the tool accidentally.
19. **Store idle tools out of reach of children and other untrained persons.** Tools are dangerous in the hands of untrained users.
20. **Maintain tools with care. Keep cutting tools sharp and clean.** Properly maintained tools, with sharp cutting edges are less likely to bind and are easier to control.
21. **Check for misalignment or binding of moving parts, breakage of parts, and any other condition that may affect the tools operation. If damaged, have the tool serviced before using.** Many accidents are caused by poorly maintained tools.
22. **Use only accessories that are recommended by the manufacturer for your model.** Accessories that may be suitable for one tool, may become hazardous when used on another tool.

SERVICE

23. **Tool service must be performed only by qualified repair personnel.** Service or maintenance performed by unqualified personnel could result in a risk of injury.
24. **When servicing a tool, use only identical replacement parts. Follow instructions in the Maintenance section of this manual.** Use of unauthorized parts or failure to follow Maintenance Instructions may create a risk of electric shock or injury.

Specific Safety Rules

USB004-1

1. **Hold tool by insulated gripping surfaces when performing an operation where the cutting tool may contact hidden wiring or its own cord. Contact with a "live" wire will make exposed metal parts of the tool "live" and shock the operator.**
2. **Always be sure you have a firm footing.
Be sure no one is below when using the tool in high locations.**
3. **Hold the tool firmly.**
4. **Keep hands away from rotating parts.**
5. **Do not touch the bit or the workpiece immediately after operation: they may be extremely hot and could burn your skin.**

SAVE THESE INSTRUCTIONS.

SYMBOLS

The followings show the symbols used for tool.

V volts

A amperes

Hz hertz

~ alternating current

n_0 no load speed

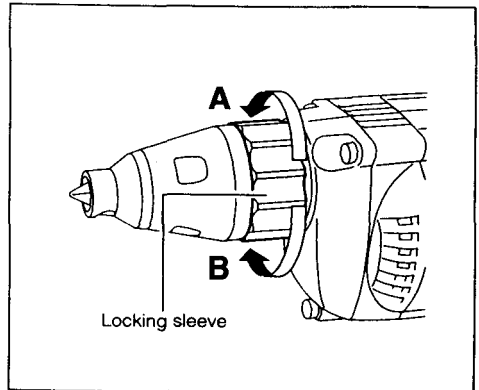
 Class II Construction

.../min revolutions or reciprocation per minute

FUNCTIONAL DESCRIPTION

Depth adjustment

The depth can be adjusted by turning the locking sleeve. Turn it in "A" direction for less depth and in "B" direction for more depth. One full turn of the locking sleeve equals 1.5 mm change in depth.



Adjust the locking sleeve so that the distance between the tip of the locator and the screw head is approximately 1 mm as shown in Fig. A or B. Drive a trial screw into your material or a piece of duplicate material. If the depth is still not suitable for the screw, continue adjusting until you obtain the proper depth setting.

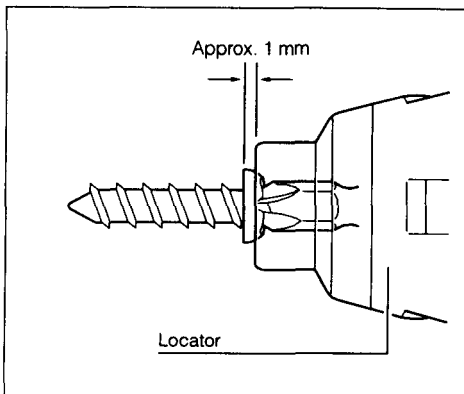


Fig. A

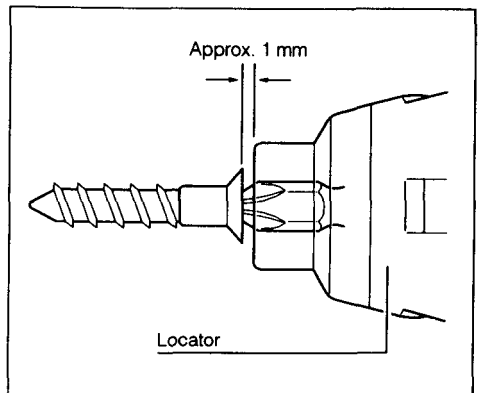


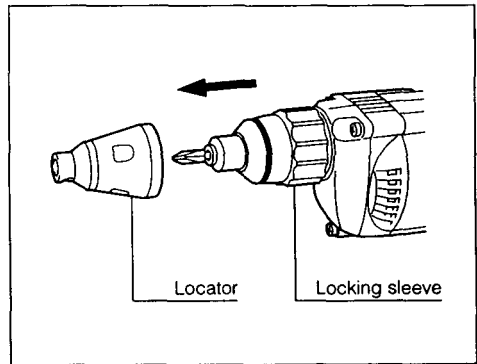
Fig. B

Removing or installing bit

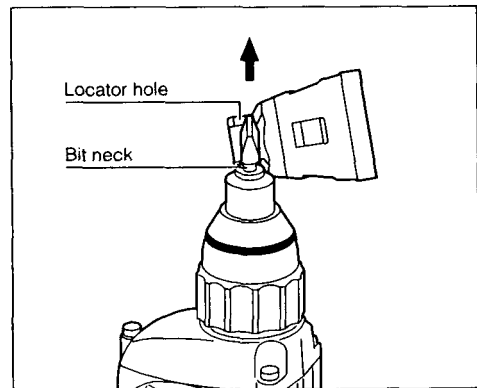
CAUTION:

Always be sure that the tool is switched off and unplugged before removing or installing the bit.

To remove the bit, first pull the locator out of the locking sleeve.



Hook the neck of the bit with one of the holes on the locator and pull. The bit is thus easily removed.



To install the bit, insert it as far as it will go through the opening in the soft rubber collar (dust ring) on top. Then press straight down on the bit tip until it is held in place. After installing the bit, install the locator by pushing it firmly back onto the locking sleeve.

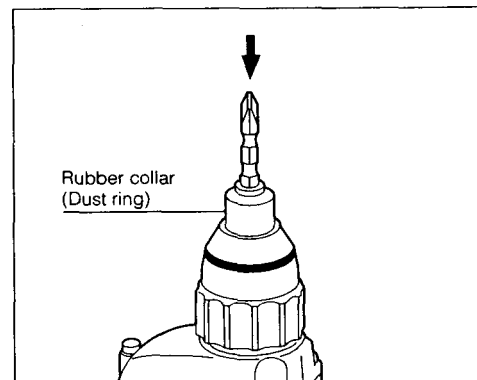


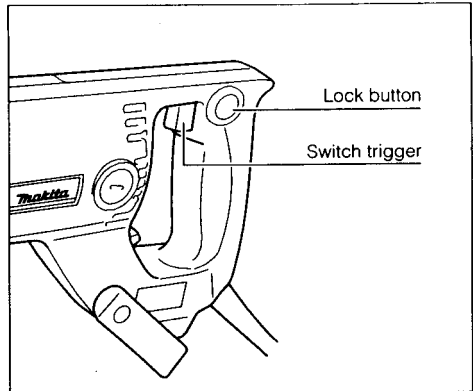
Fig. C

Switch action

CAUTION:

Before plugging in the tool, always check to see that the switch trigger actuates properly and returns to the "OFF" position when released.

To start the tool, simply pull the trigger. Release the trigger to stop. For continuous operation, pull the trigger and then push in the lock button. To stop the tool from the locked position, pull the trigger fully, then release it.



NOTE:

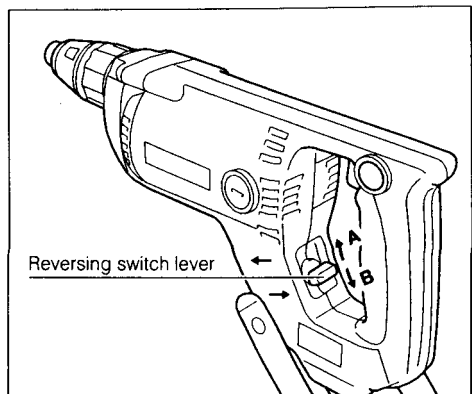
Even with the switch on and motor running, the bit will not rotate until you fit the point of the bit in the screw head and apply forward pressure to engage the clutch.

Reversing switch action

CAUTION:

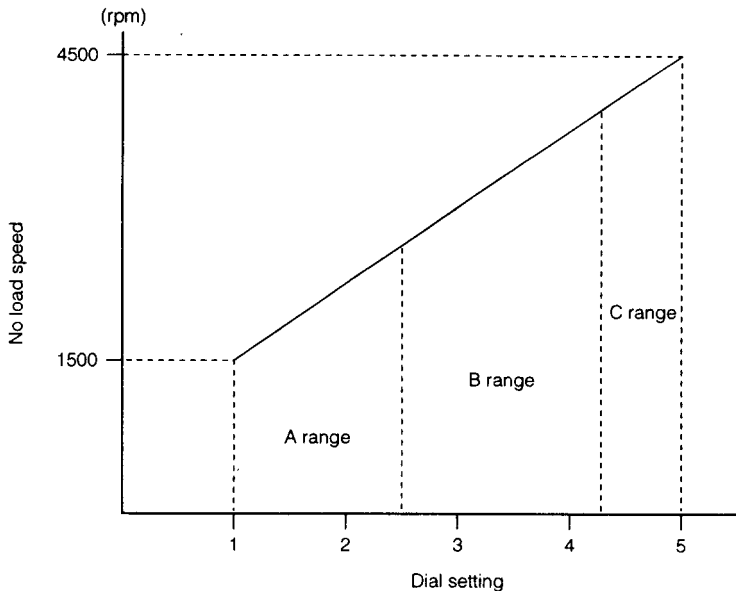
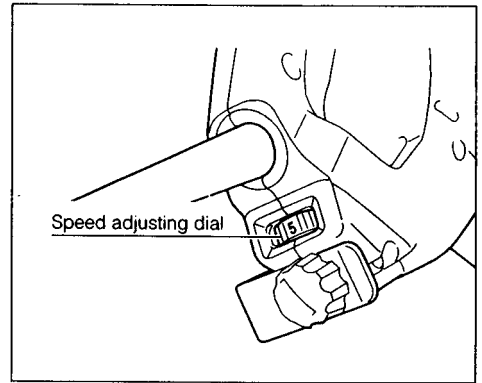
- Always check the direction of rotation before operation.
- Use the reversing switch only after the tool comes to a complete stop. Changing the direction of rotation before the tool stops may damage the tool.

This tool has a reversing switch to change the direction of rotation. Move the reversing switch lever to the A position for clockwise rotation or the B position for counter-clockwise.



Speed adjusting dial

Tool speed can be adjusted infinitely between 1,500 and 4,500 rpm by turning the speed adjusting dial. The dial is marked 1 (lowest speed) to 5 (full speed). Refer to the figure below for the relationship between the number settings on the adjusting dial and the kind of work.



A range: For work that requires a subtle speed control such as centering or final fastening.

B range: Use when screws/drywall boards might be damaged with C range speed.

C range: For regular fastening work.

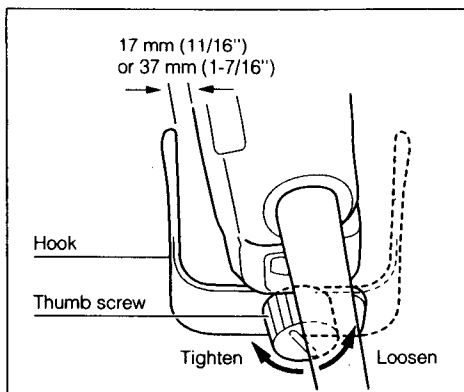
NOTE:

- The above figure shows standard applications. They may differ under certain conditions.
- Operating the tool at low speed for many hours may cause motor overload, resulting in tool malfunction.

Hook

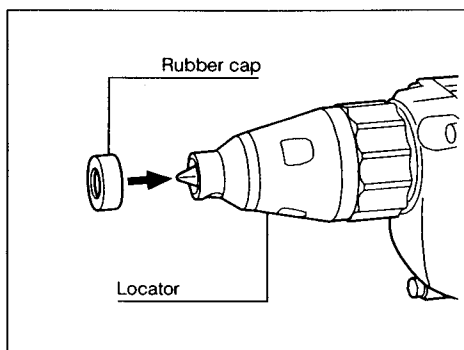
The hook can be installed on either side of the tool. To change the hook position, remove the thumb screw and hook. Replace the hook so that its bent portion will be on the other side.

The space between the hook and the tool itself can be adjusted to provide more 37 mm (1-7/16") or less 17 mm (11/16") room for temporarily hanging the tool. To adjust, remove the thumb screw and hook. Then use the other hole when securing with the thumb screw.



Rubber cap

Use the rubber cap when fastening easily-marked workpieces.



OPERATION

Fit the screw on the point of the bit and place the point of the screw on the surface of the workpiece to be fastened. Apply pressure to the tool and start it. Withdraw the tool as soon as the clutch cuts in. Then release the trigger.

CAUTION:

- When fitting the screw onto the point of the bit, be careful not to push in on the screw. If the screw is pushed in, the clutch will engage and the screw will rotate suddenly. This could damage a workpiece or cause an injury..
- Make sure that the bit is inserted straight in the screw head, or the screw and/or bit may be damaged.

MAINTENANCE

CAUTION:

Always be sure that the tool is switched off and unplugged before attempting to perform inspection or maintenance.

To maintain product SAFETY and RELIABILITY, repairs, carbon brush inspection and replacement, any other maintenance or adjustment should be performed by Makita Authorized or Factory Service Centers, always using Makita replacement parts.

ACCESSORIES

CAUTION:

These accessories or attachments are recommended for use with your Makita tool specified in this manual. The use of any other accessories or attachments might present a risk of injury to persons. The accessories or attachments should be used only in the proper and intended manner.

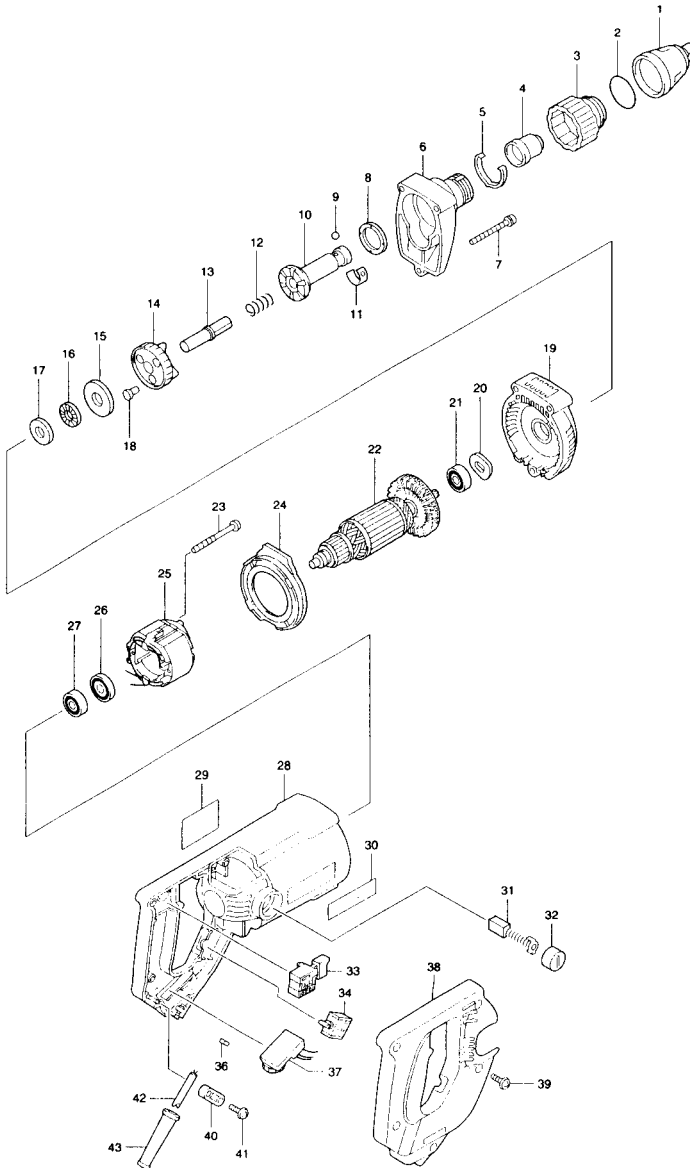
• Phillips bit

No. 2 – 45 mm (1-3/4")

Part No. 784240-5



DRYWALL SCREWDRIVER **Model 6812**



Note: The switch and other part configurations may differ from country to country.

ITEM NO.	NO. USED	DESCRIPTION	ITEM NO.	NO. USED	DESCRIPTION
MACHINE			MACHINE		
1	1	Locator Complete	23	2	Tapping Screw 4x50
2	1	O Ring 26	24	1	Baffle Plate
3	1	Lock Ring	25	1	Field
4	1	Dust Seal Ring	26	1	Insulation Washer
5	1	Leaf Spring	27	1	Ball Bearing 627LLB
6	1	Gear Housing Complete	28	1	Motor Housing Complete
7	3	Pan Head Screw M4x45	29	1	Name Plate
8	1	Ring 20	30	1	Makita Label
9	1	Steel Ball 3.5	31	2	Carbon Brush
10	1	Spindle	32	2	Holder Cap
11	1	Leaf Spring	33	1	Switch
12	1	Compression Spring 6	34	1	Switch
13	1	Pin 8	36	1	Square Nut M5
14	1	Helical Gear 41	37	1	Controller
15	1	Washer 824	38	1	Handle Cover
16	1	Thrust Needle Gauge 821	39	5	Tapping Screw 4x18
17	1	Washer 821	40	1	Strain Relief
18	3	Pin 4	41	2	Tapping Screw 4x18
19	1	Gear Housing Cover Complete	42	1	Cord Guard
20	1	Wave Washer 15	43	1	Cord
21	1	Ball Bearing 608LLB			
22	1	ARMATURE ASSEMBLY (With Item 21, 26 & 27)			

Note: The switch and other part specifications may differ from country to country.

MAKITA LIMITED ONE YEAR WARRANTY

Warranty Policy

Every Makita tool is thoroughly inspected and tested before leaving the factory. It is warranted to be free of defects from workmanship and materials for the period of ONE YEAR from the date of original purchase. Should any trouble develop during this one-year period, return the COMPLETE tool, freight prepaid, to one of Makita's Factory or Authorized Service Centers. If inspection shows the trouble is caused by defective workmanship or material, Makita will repair (or at our option, replace) without charge.

This Warranty does not apply where:

- repairs have been made or attempted by others;
- repairs are required because of normal wear and tear;
- The tool has been abused, misused or improperly maintained;
- alterations have been made to the tool.

IN NO EVENT SHALL MAKITA BE LIABLE FOR ANY INDIRECT, INCIDENTAL OR CONSEQUENTIAL DAMAGES FROM THE SALE OR USE OF THE PRODUCT. THIS DISCLAIMER APPLIES BOTH DURING AND AFTER THE TERM OF THIS WARRANTY.

MAKITA DISCLAIMS LIABILITY FOR ANY IMPLIED WARRANTIES, INCLUDING IMPLIED WARRANTIES OF "MERCHANTABILITY" AND "FITNESS FOR A SPECIFIC PURPOSE," AFTER THE ONE-YEAR TERM OF THIS WARRANTY.

This Warranty gives you specific legal rights, and you may also have other rights which vary from state to state. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. Some states do not allow limitation on how long an implied warranty lasts, so the above limitation may not apply to you.

Makita Corporation

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